

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/011409

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H05B7/09

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 778 021 A (INNVAER) 7 July 1998 (1998-07-07) column 4, line 59 - line 63; figures 2-4 column 4, line 34 - line 35	1-14
Y	US 4 500 724 A (WARD III) 19 February 1985 (1985-02-19) claims 1,3	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents :

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Date of the actual completion of the international search

14 July 2005

Date of mailing of the international search report

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5778021	A	07-07-1998	NO 942724 A	22-01-1996
			AU 683182 B2	30-10-1997
			AU 3122895 A	22-02-1996
			BR 9506286 A	12-08-1997
			CA 2170910 A1	08-02-1996
			CN 1130977 A ,C	11-09-1996
			CZ 9600691 A3	12-06-1996
			EG 22144 A	30-09-2002
			EP 0724822 A1	07-08-1996
			FI 961287 A	20-03-1996
			JP 2927554 B2	28-07-1999
			JP 9501014 T	28-01-1997
			KR 219386 B1	01-09-1999
			WO 9603849 A1	08-02-1996
			NZ 290481 A	24-02-1997
			PL 313584 A1	08-07-1996
			RU 2121247 C1	27-10-1998
			SI 9520008 A	30-06-1997
			SK 35796 A3	05-02-1997
			TR 960777 A2	21-10-1996
			ZA 9505544 A	06-01-1997
US 4500724	A	19-02-1985	AU 3083784 A	31-01-1985
			BR 8403806 A	09-07-1985
			CA 1229842 A1	01-12-1987
			DD 232278 A5	22-01-1986
			DE 3425424 A1	07-02-1985
			DE 3448237 C2	02-02-1995
			FR 2549838 A1	01-02-1985
			GB 2144137 A ,B	27-02-1985
			JP 1040035 B	24-08-1989
			JP 1628201 C	20-12-1991
			JP 60078992 A	04-05-1985
			JP 1164439 A	28-06-1989
			JP 1935556 C	26-05-1995
			JP 5029400 B	30-04-1993
			SU 1838316 A3	30-08-1993
			US RE33452 E	20-11-1990